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For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: TREATMENT OF CNS DISORDERS USING D-AMINO ACID OXIDASE AND D-ASPARTATE OXIDASE ANTAG-  
ONISTS

(57) Abstract: Compounds that are antagonists of D-amino acid oxidase and D-aspartate oxidase, methods of treating CNS disorders  
including bipolar disorder, psychosis and schizophrenia using the compounds, and pharmaceutically acceptable compositions that  
contain the antagonists are disclosed.

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## INTERNATIONAL SEARCH REPORT

PCT/IB 02/01262

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12Q1/26 C07K14/00 C12Q1/68 A61P25/18 A61P25/24  
A61K31/198

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q C07K A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SCHORK N J ET AL: "SINGLE NUCLEOTIDE POLYMORPHISM AND THE FUTURE OF GENETIC EPIDEMIOLOGY" CLINICAL GENETICS, COPENHAGEN, DK, vol. 58, 2000, pages 250-264, XP000985433	8,10
Y	the whole document	9
Y	WO 00 58510 A (BOUGUELERET LYDIE ;CHUMAKOV ILYA (FR); GENSET SA (FR); COHEN DANIE) 5 October 2000 (2000-10-05) cited in the application the whole document	9
P,X	WO 01 09118 A (PRENDERGAST PATRICK T) ✓ 8 February 2001 (2001-02-08)	1-7, 22-29
A	the whole document	30-33
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
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- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

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## INTERNATIONAL SEARCH REPORT

PCT/IB 02/01262

**Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
**Although claim(s) 11-21 are directed to a diagnostic method practised on the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.**
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)**

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

PCT/IB 02/01262

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 95 01096 A (SHAPIRO HOWARD K) 12 January 1995 (1995-01-12) ✓ the whole document -----	30-33
P,X	WO 01 68104 A (MCLEAN HOSPITAL CORP) ✓ 20 September 2001 (2001-09-20) page 6 page 12 -----	30-33

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